

# Liberty Loan Building

## Installation of Antennas and Equipment Cabinet

401 14<sup>th</sup> Street, SW

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Submitted by the General Services Administration

Preliminary and Final Building Plans

**Commission meeting date:** July 10, 2014

**NCPC review authority:** Federal Projects in the District (40 U.S.C. § 8722(b)(1) and (d))

**Applicant request:** Preliminary and Final Approval

**Delegated / consent / open / executive session:** Consent

**NCPC Review Officer:** Hart

**NCPC File number:** 7358

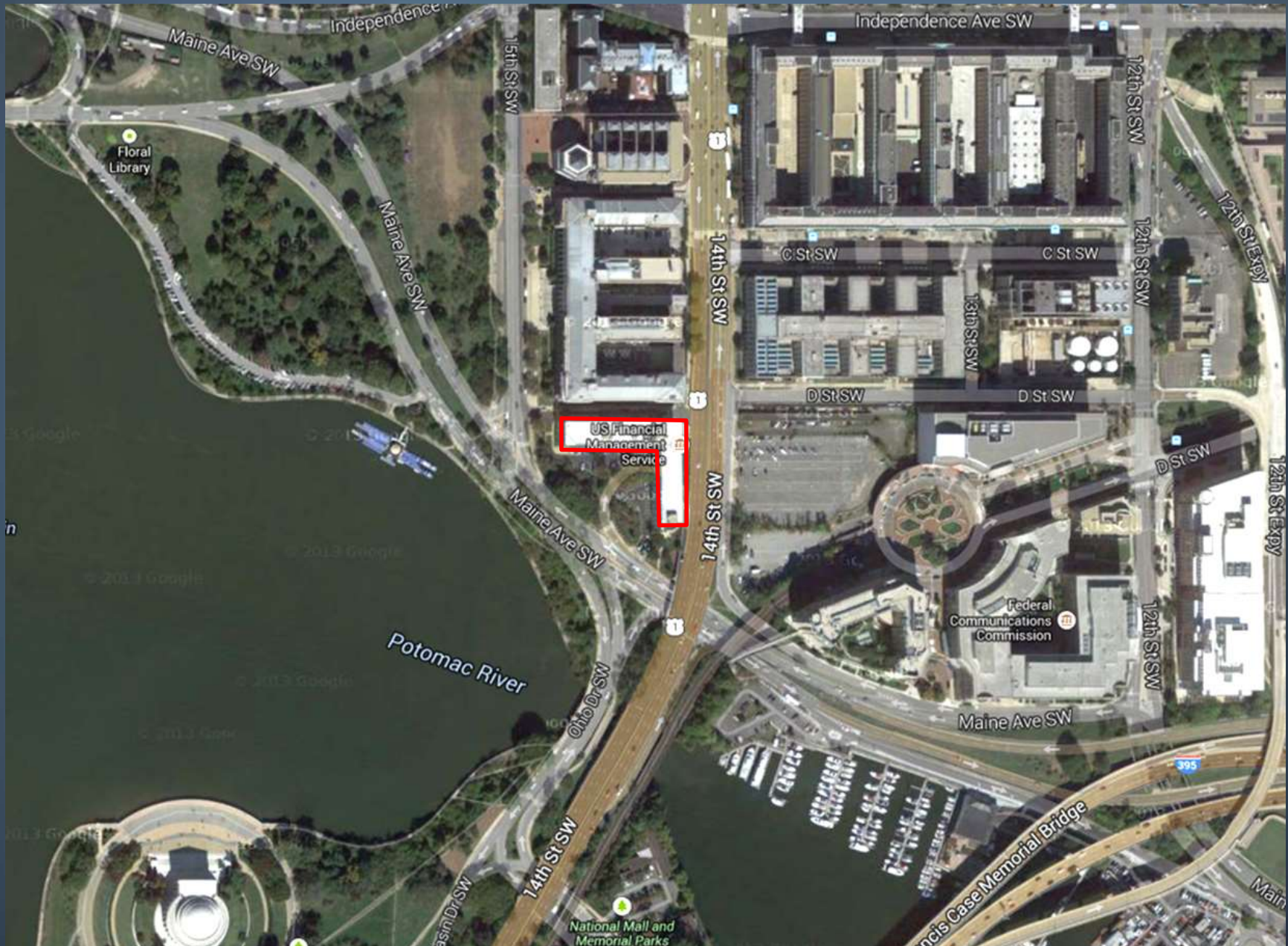
## **Project summary:**

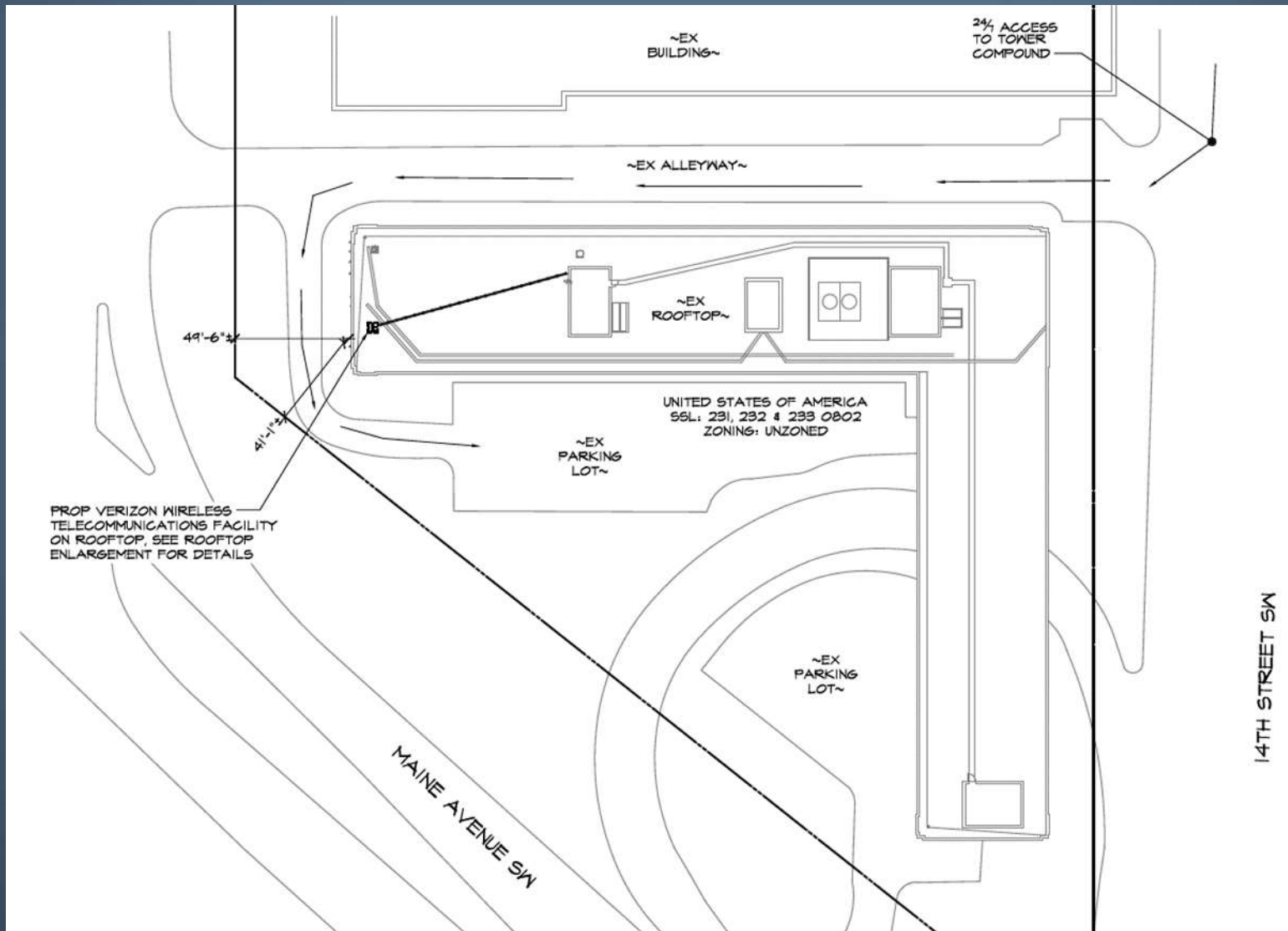
The General Services Administration has submitted a proposal to install 3 antenna and one equipment cabinet on the West Elevation and roof of the Liberty Loan Building located in Southwest.

This project consists of the construction of a wireless telecommunications facility on the roof the GSA Liberty Loan Building. The proposed facility will include two (2) panel antennas, one (1) GPS antenna, and an equipment cabinet on a non-penetrating, ballasted frame.

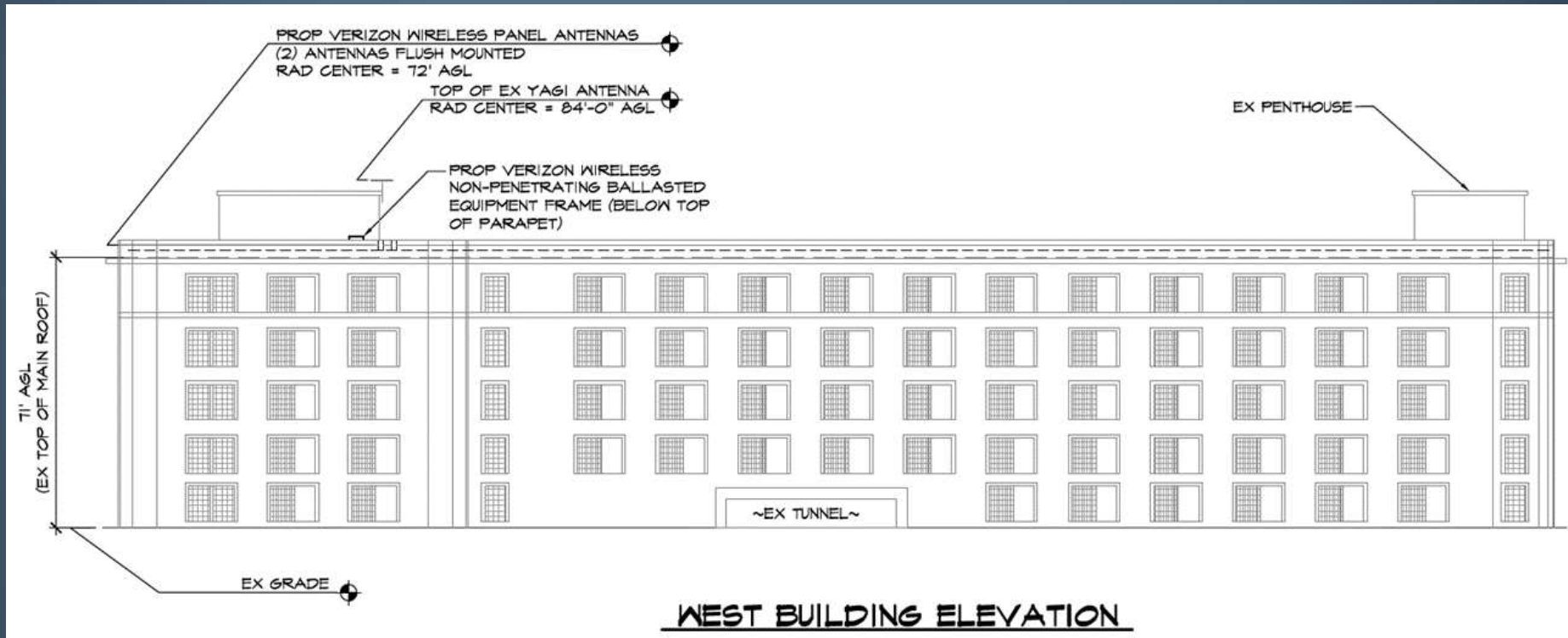
Two proposed panel antennas are to be flush-mounted to the parapet wall on the west side of the building. The mounting materials for all panel antennas will be hot-dipped galvanized steel. One of the proposed panel antennas will be 24" x 12.5" x 7.1" and the other will be 24" x 6.7" x 4.1". Antennas will not exceed the height of the parapet wall to which they are mounted, and all panel antennas and mounting materials will be painted to blend with the painted facade in order to minimize visual impact. One GPS antenna, measuring 5" in height and 3.2" in diameter will be mounted at the equipment platform and will not be visible at all from the ground.

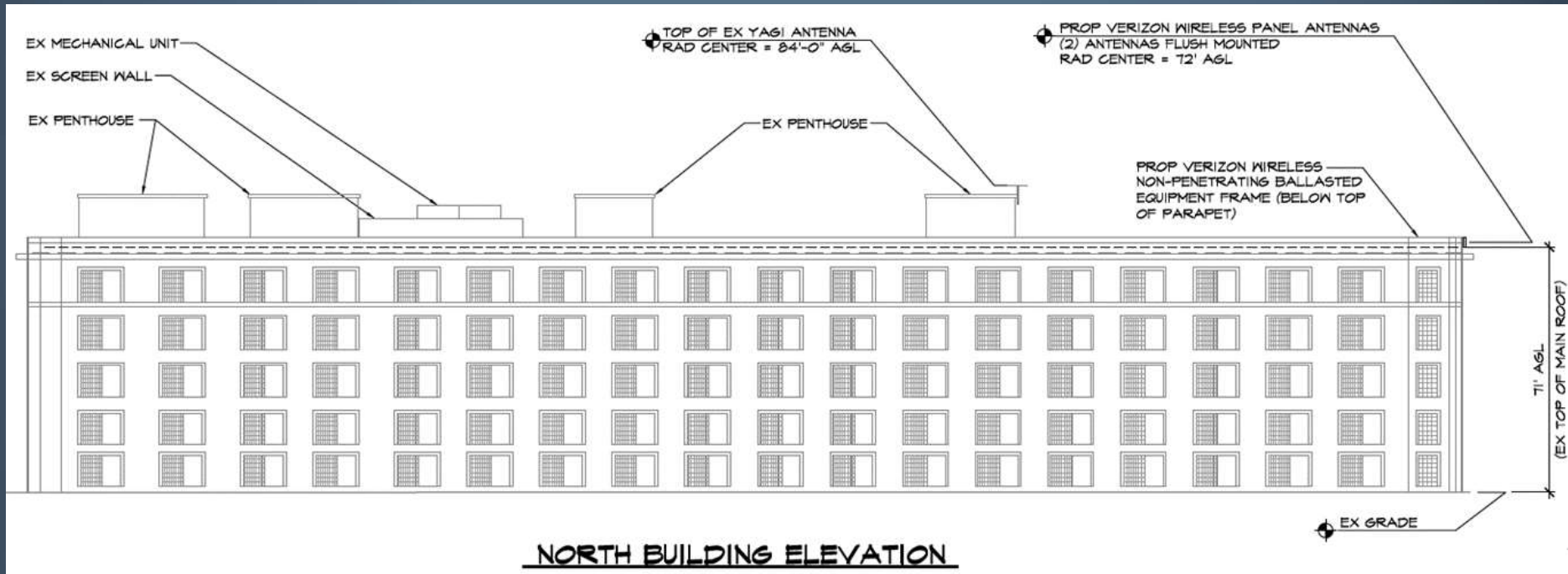
A steel platform, approximately 5' x 5' will be placed on the roof to hold the equipment cabinet needed to operate the antennas. The platform and equipment will not extend above the elevation height of the parapet wall, and will thus not be visible from the ground.

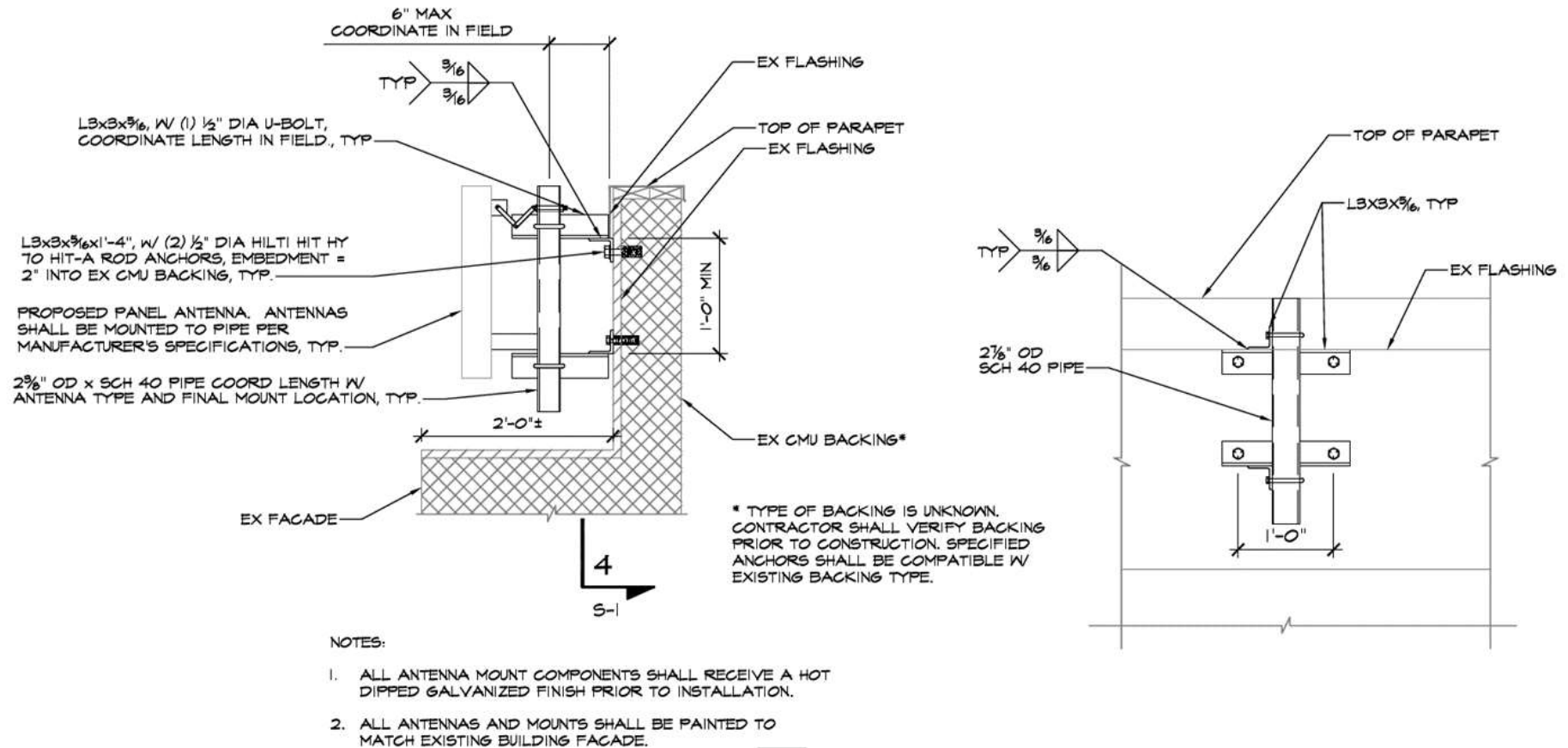




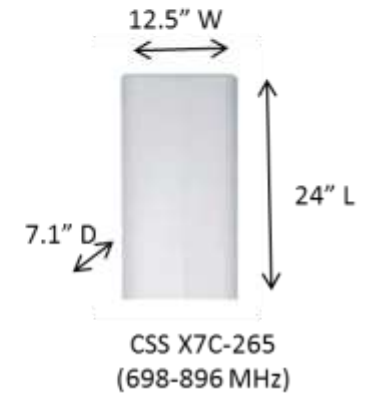
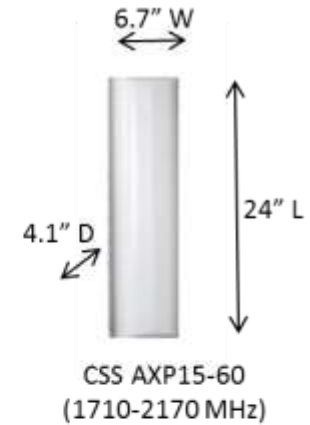
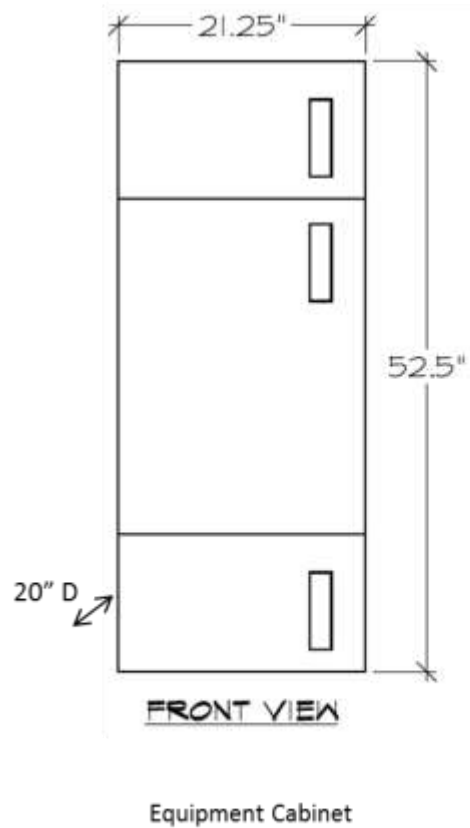








# Dimensions – Antenna and Equipment Cabinet







**Site Name: Liberty Loan**  
Wireless Communication Facility  
401 14th Street SW  
Washington, DC 20024

**Photograph Information:**  
View from the West  
**Existing Site**



**NB&C**  
**ENGINEERING**  
**SERVICES, LLC.**  
THE QUALITY OF SERVICE  
MATTERS. AND COUNTS.



## Previous Commission action (if any):

Reviewed and approved Oother antennas at this rooftop in September 2012.

## Analysis summary:

These new antennas are consistent with previous antennas that have been approved by NCPC. There are no additional issues.

## Outstanding issues (if any):

None.

## NEPA and NHPA Section 106:

GSA using a CatEx – 5.4 (n) Installation of antenna consistent with GSA Bulletin FPMR D-242

NCPC using CatEx – Section 8(c)(20) – Installation of antenna consistent with GSA Bulletin FPMR D-242

Section 106 – GSA submitted no adverse effect determination, DC SHPO concurs. NCPC also concurs.

Approval of preliminary and final building plans for the installation of 2 antennas on the west elevation of the Liberty Loan Building and both a GPS antenna and an equipment cabinet on the roof of the building.